the Carolina Farmer

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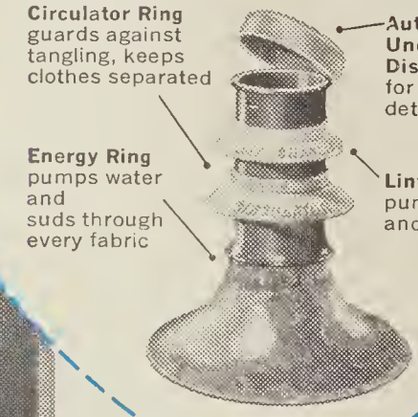
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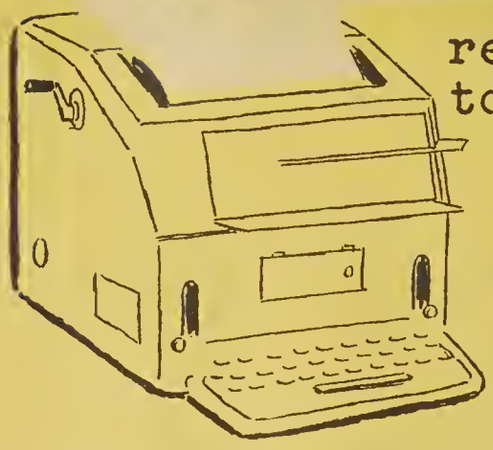
BRIEF



reports on events of importance to rural electric co-op members

IKE HAD A CHANGE of heart in the month between his budget and his farm message. The budget proposed to raise interest rates on REA loans to more than 4½ per cent. The rate is now 2 per cent. The Budget Bureau analyzed the Administration proposal, and reported that the present base would be 4.35 per cent, to which would be added one-fifth of 1 per cent for possible administrative expenses. The word was out that the President would push the proposal further in the farm message he sent to Congress, but there was nary a mention of it. The Washington Post reported that it was in his original draft, but was removed when farm state Republican senators protested.

TARHEEL COOPERATIVES made their move to obtain another alternative source of power last month at a Corps of Engineers hearing on Savannah River development (see Tarheel Views, page 34). W. T. Crisp appeared in Savannah as general counsel for N. C. Electric Membership Corporation, a wholesale power corporation of the state's electric cooperatives. The Corps of Engineers has already determined that Carters and Goat Island projects on the river are feasible; however, Duke Power Company has drummed up opposition on the grounds that they would prevent its building a large thermal generating plant at a remote point on the edge of its system. Cooperative spokesmen have charged that Duke's claim that it will build a 2 million kw steam plant is nothing more than an effort to block full, federal development of the river. Even though on the fringe of the Duke system, the plant would have more capacity than any of its other generating plants. Sincere or not, the Duke claim that it wants to build the plant, and its charge that federal development would make it impossible, has enabled it to get the support of a number of Chambers of Commerce in the area. At the Savannah hearing, held before four generals and a colonel, one of the generals pointed out to W. B. McGuire, Duke president, that his proposed steam plant would have been impossible without the federal Hartwell Dam, which is a part of the over-all plan for harnessing the Savannah River. Crisp said at the hearing that if Duke was sincere, there was no reason why its steam plant couldn't be harmonized with the federal projects. "The Savannah River belongs to the people of America," Crisp said. "It should therefore be harnessed for the benefit of all Americans. Certainly no private, monopolistic scheme should be permitted to impair its full development, or to rob it piecemeal for selfish profit."

CAROLINA POWER & LIGHT COMPANY WAS CHARGED with violation of the Federal Power Act for illegal accounting procedures last month. The FPC ordered the company to answer charges that their accounting procedures are "willful and knowing violations of the Federal Power Act." The Commission said that the company reported to stockholders in its annual report that amounts set aside for deferred taxes are "earned surplus." The company has been able to defer taxes, while collecting from customers an amount to cover them, through rapid amortization, or "fast tax write-offs." Eventually, the company will have to pay the taxes, but in the meantime, the money is valued as an interest-free loan to the company.

the Carolina Farmer

Volume 15 *March, 1960* *Number 3*

Dear Reader:

by J. C. BROWN, JR.

There's a Happy Story about farming on pages 14 and 15, but it also calls attention to a paradox in agriculture. Charles Overman's article describes an 85-cow dairy which achieved an amazing degree of efficiency by substituting electric equipment for hired hands. The total result was a saving of $700 a month! Even with the addition of many electric devices, the power bill of these co-op members fell $15 a month. The purpose of the story is to point out the savings possible when a wiring system is designed to serve the load most efficiently.

If Your Reaction is to ponder the tremendous investment it took to gain this efficiency, you are just a step away from discovering the paradox. We don't know whether the Reids, who own the dairy, had to borrow money to make the changes in their business or not. But we do have the word of agricultural economists that not many farmers can increase their efficiency greatly without borrowing in order to mechanize. One of the limitations on our agricultural economy is the failure of farmers to use credit to obtain more land, equipment, or other instruments of production.

A promising future would seem to belong to the farmer who borrows when by so doing he can increase his profits. And North Carolina's wealth as an agricultural state will depend upon how many such farmers there are, and how quickly they capitalize for efficiency.

And Here is the Paradox: At a time when qualified farmers should be encouraged to borrow, they run into a national policy dedicated to high interest rates. Since 1952, interest charges per farm per year have jumped by 119 per cent. In 1952 they averaged $59; last year, $125. Now, the Administration is asking Congress to remove the ceiling on long-term government bonds, a move which will send all interest rates on another climb, according to many economists.

The burden to the nation of raising the interest ceiling would be so far reaching that it could never be determined. But for one thing, it would immediately allow the Treasury to put your grandchildren into debt under the most unfavorable interest terms in two generations. At least at present, bonds paying more than 4¼ per cent are limited to five years.

Our whole economy will be better served if Congress refuses to lift the 4¼ per cent ceiling. If it does hold the line, there's hope for reversing the interest spiral.

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ABOUT THE COVER—John Corey's picture was such a familiar one that we couldn't resist using it in March, although we should have held onto it until the Fourth of July. While there's a regulation that every Post Office display the flag, we like to think that it's done joyfully and with unabashed pride. We're confident that Postmaster Mrs. Ruth Duggers of Vilas in Watauga County doesn't consider the raising and lowering of the flag a chore. She displays it six days a week and on Mother's Day, from 7:45 a.m. until 4:30 p.m. On Ocracoke or at Vilas, it's a thrilling, saucy reminder that, "this is America, too, and don't you forget it."

J. C. BROWN, JR., EDITOR

REBEKAH RIVERS, ASST. EDITOR CHARLES L. OVERMAN, ADVERTISING
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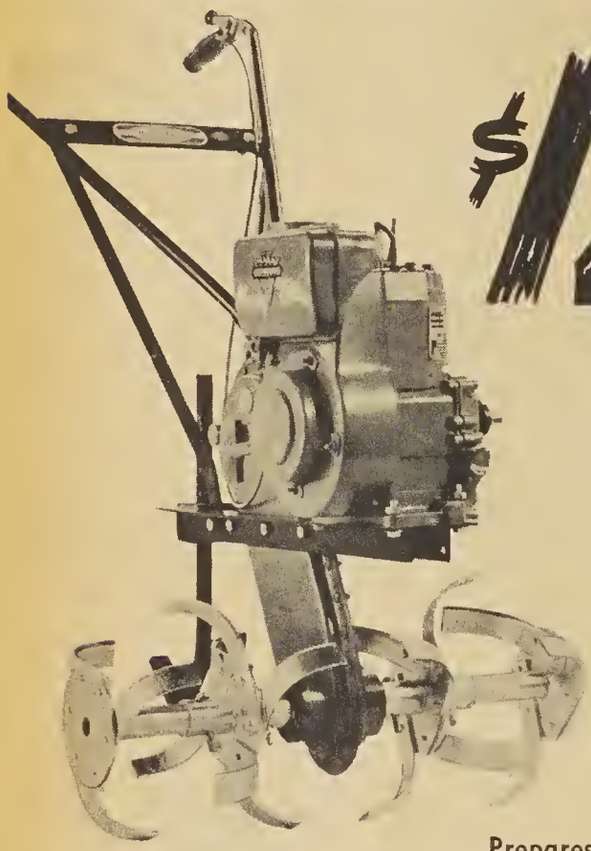

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January Issue

I thought your January issue of the *Carolina Farmer* was one of your finest.

Barbara Deverick
Staff Assistant
Blue Ridge EMC
Lenoir

"Arms"

Was reading through your fine magazine today (*CF*, January), and particularly noted the fine drama, "Arms for Cisternia." Who, might I ask, is "California Jones?" He shows Shavian promise. I suggest you further subsidize the boy.

Again, I sure enjoy your publication.

Web Allison
Monte Vista, Calif.

A Neighborly Publication

I would like very much to get the *Carolina Farmer* magazine every month. I don't know why we have never gotten the magazine. My neighbors get theirs regularly, and I read theirs. I find very interesting articles in it.

Brady Huneycutt
Albemarle, Route 3

The Carolina Farmer is sent to the members of the 31 subscribing North Carolina cooperatives, at the direction of their boards of directors. Individual subscriptions can be purchased for 60¢ per year.

Degree Candidate

I have heard of an article published in your October, 1959, edition on sprouting oats in hydroponics. As a candidate for a Master of Science degree, I am writing a thesis on hydroponics and would like very much to read your article. If possible, please send me a copy of that article.

Gilbert E. Smith
San Antonio, Texas

Old Christmas Cards & Tweetsie

Please send me a copy of the *Carolina Farmer* which has the story of Tweetsie. After I saw the little train, it made me anxious to read the story, and something had happened to my copy of that issue.

Do you know of any place that would like to have old Christmas cards?

Mrs. C. C. Poe
Moncure

The N. C. State School for the Deaf and Dumb in Morganton always welcomes old Christmas cards, which they use in their training program.

The Statues of Capitol Square

The first Capitol was begun here in 1792. It burned in 1831, and the cornerstone of the present Capitol was laid July 4, 1833. Houdon's statue of George Washington is a copy, placed here July 4, 1857. The original is at Richmond.

WE hope that your class will be coming to Capitol Square soon, and you'll find these pages an interesting welcome from people who love their city more because of the students who visit it.

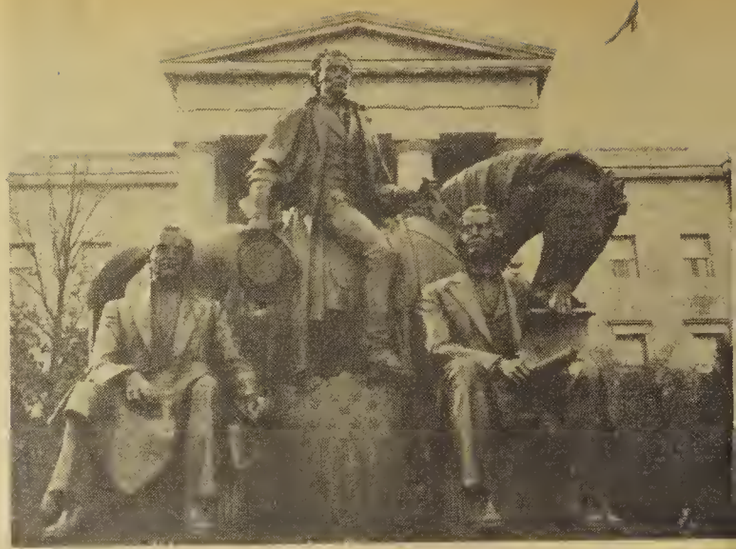
AS SURELY AS THE BLUEBIRDS they come every pring, and every year there are more, and every year they ppear earlier. From small schools in mountain valleys, they ome in satin Sunday best; from Charlotte's modern halls they rrive in sophisticated fashion. Herded by brave teachers, they urry through the Hall of History, blush at the paintings in ie Museum of Art, and tease the snakes in the Museum of Natural History. But most of all, they're drawn to Capitol quare, where they lose themselves in the legends and dreams f the great men and significant events honored in bronze iere. They take each other's pictures with box cameras, feed themselves hotdogs, and the pigeons and squirrels peanuts. And if the day is warm and the scent of flowers lightly on the air, not a few will begin a new romance.

On the first balmy day in February, we who work "downtown" in Raleigh are likely to wander toward the Capitol to see if they've arrived yet. And we find the peanut man a bit concerned, too. "They're usually coming in by this time of year. Don't know what could make them so late. But they'll be here," he assures us, "as sure as spring."

And they'll be as welcome as spring.

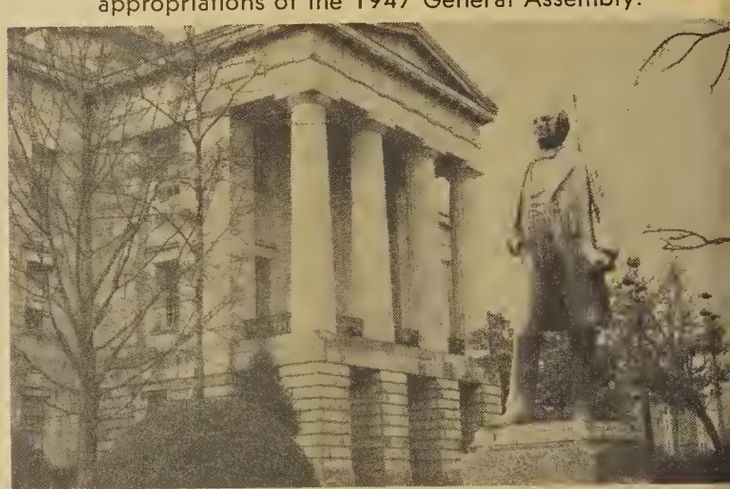
'First at Bethel—Last at Appamattox. 1861-1865'

Made of Mount Airy granite, this reproduction of Muldoon's Confederate Monument reaches 75 feet into the sky. Three statues, modelled by Von Muller from photos of W. R. Dicks, a Raleigh Confederate veteran, surround and surmount the monument. It was erected in 1895 with funds raised by the women of North Carolina and money voted by the Legislature.



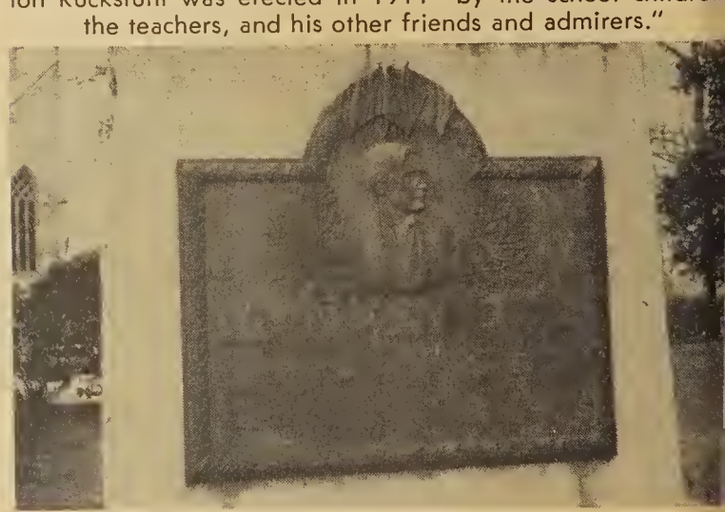
James K. Polk—Andrew Jackson—Andrew Johnson

North Carolina's three Presidents look east, down New Bern Avenue. Sculptured by Charles Keck. President Harry Truman dedicated the monument in 1948. It was erected with special appropriations of the 1947 General Assembly.



Charles D. McIver (1860-1906)

"People, not rocks and rivers and imaginary boundary lines, make a state, and the state is great just in proportion as its people are educated," said the founder and first president of the State Normal and Industrial College for Women, now Woman's College, UNC. Statue by F. Wellington Ruckstuhl was erected in 1911 "by the school children, the teachers, and his other friends and admirers."



Samuel A'Court Ashe (1840-1938)

Described as "patriot, soldier, historian, legislator, editor, Christian citizen," Ashe was the last surviving officer of the Confederate States of America. Tablet, erected in 1940, calls him "a worthy representative of a line of patriotic men who rendered distinguished service to state and country."

Zebulon B. Vance (1830-1894)

Called "the Tribune of the People," no other governor faced the problems that Vance did, and the place of honor he occupies at the eastern end of Memorial Mall is an indication of how history has judged his conduct. The statue by Henry J. Ellicott was erected in 1903 and moved to its present location in 1948. He is described as "soldier, state legislator, congressman, colonel of the Confederate States of America, thrice governor, four times United States senator, statesman."

These quotations from Vance appear on the tablet:

(Left front)

If there be a people on earth given to sober second thought, amenable to reason and regardful of their plighted honor, I believe that . . . it is the people of North Carolina.

(Right front)

The subjection of every passion and prejudice . . . to the cooler sway of judgment and reason, when the common welfare is concerned, is the first victory to be won.

(Left rear)

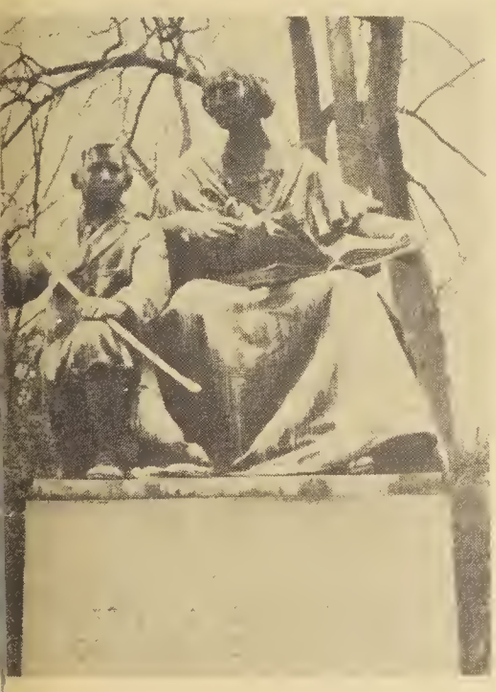
The country turns toward her young men, and calls them to lead the way in preaching and practicing hope. You are required, above all, to teach our people to look up from the crumbling ashes and prostrate columns of their present ruin, to the majestic proportions and surpassing grandeur of that temple which may yet be built by the hand which labors, the mind which conceives, and the great soul which faints not.

(Right rear)

Well and truly North Carolina performed her duty, as the results on many a stricken field will show. First and last, she sent to the armies of the Confederacy, not relatively but absolutely, more soldiers than any other state in the South; furnished more supplies, equipped her troops better . . . there was not a sacrifice which she was called upon to make for the good of the Southern cause that she did not make, and make cheerfully.

Charles B. Aycock (governor 1901-1905)

On the western end of Memorial Mall is a monument to North Carolina's "education governor." He said, "I would have all our people believe in their power to accomplish as much as can be done anywhere on earth by any people . . . The equal right of every child born on earth to have the opportunity to burgeon out all there is within him." The statue by Gutzon Borglum was erected in 1924.



Women of Confederacy

Monument by Henry Augustus Lukeman was presented to state by Ashley Horne. It faces Morgan Street at the southwest corner of Capitol Square.

Henry Lawson Wyatt

First N. C. soldier killed in action in Civil War, June 10, 1861, Bethel Church. Borglum statue erected in 1912 by the State U.D.C.

Ens. Worth Bagley

First American officer killed in Spanish-American war was Raleigh native. Sculptor was Francis H. Packer. Financed by popular subscription in 1907.

Ag College for Your Son?

Demand for graduates is high, but facilities are lagging

By JAY RICHTER

THE TROUBLES our colleges are having, unless resolved soon, are going to hurt a lot of farmers and millions of other citizens who depend upon agriculture or farm-related industries for their livelihood.

This is not to mention the thwarted ambitions of tens of thousands of youngsters, now in high school and grade school. Although qualified for higher education they nonetheless are likely to find the doors of college closed to them for lack of classrooms, laboratories, and professors.

In recent weeks this reporter has talked with more than a dozen presidents among the nation's 68 land-grant colleges and universities. These institutions grant practically all degrees in agricultural subjects, about half of those in engineering and the physical sciences.

Heads of the land-grant colleges point out that the demand for agricultural graduates is running about twice the supply. While farmers are declining in number, their output is rising and the broad business of agriculture remains the nation's largest single industry.

Four of every 10 people employed in the U. S. serve agriculture, which accounts for an investment of more than $170 billion. Modern agriculture takes in all of the scientific, professional, business, and technical occupations concerned with the production and distribution of farm products.

More Jobs Than Takers

To put trained young people into the top jobs opening up each year in this vast agricultural complex is a vital concern, not only to the employers and educators involved but to the nation. The nation is not measuring up to the task, not by half.

"Every year there are more than twice as many jobs open to agricultural college graduates as there are young people with the degrees needed to qualify for them," says Russell I. Thackrey, executive secretary of the American Association of Land-Grant Colleges & State Universities.

The situation will almost certainly get worse before it becomes better.

All across the land, in private as well as public colleges, the nation is up against educational demands that cannot possibly be satisfied with the talent and means now at hand. By 1970 about half the students applying for higher education will have to be turned away unless there is a rapid buildup in college faculties and facilities.

Money Needed

To meet this demand, U. S. colleges and universities will need twice the annual funds currently available to them.

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and probably more. There is little question that without this added support the youngsters now in grade school and high school will have less chance to attend college than their parents before them.

Thus we would reverse the trend of almost a century toward ever-expanding educational opportunity—and undermine our cherished belief that in America every man ought to have the chance to learn what he can.

Land-Grant Act

Today's crisis in education takes you back more than 100 years. It was Feb. 24, 1859, to be exact, when President James Buchanan used his veto to kill a bill to establish a national system of land-grant colleges.

Such colleges should not prevail, said Buchanan, "over the pressing wants of the common treasury."

These educational matters, he added, should be left to the states.

It is "extremely doubtful," he said, "whether this bill would contribute to the advancement of agriculture . . ."

Besides, he concluded, the bill was unconstitutional.

Abraham Lincoln presumably disagreed with Buchanan on all of these points, signing an almost identical bill on July 2, 1862, one of the darkest days of the Civil War.

The land-grant act was significant for two primary reasons: first, it embodied the then revolutionary idea that everyone with the ability to absorb a higher education should have the chance to attend college; second, it provided the incentive on a national scale to bring this concept of equal educational opportunity to life.

The proposition that all qualified young people should have equal access to college has been taken almost for granted in America during most of the past century. One hundred years ago this was not the case.

The proportion of the nation's youth going on to college was small and in fact declining.

It looked as though higher education in this country was to be patterned on traditional lines; that the doors of college were to be open only to the well-born or the wealthy few as had been the case in the old country.

The land-grant act proclaimed America's independence of that narrow view.

A grant of land was provided under the act to each state, amounting to 30,000 acres for every Senator and Representative from the state. Income from the lands was to be invested, and used to establish and endow "at least one college where the leading object shall be, without excluding other scientific and classical studies, and military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life."

The land-grant act, Thackrey points out, "established a classical pattern of federal support for instruction, without federal control . . . And, in direct opposition to a presently popular trend of thought, endowment revenues were to go solely for instruction . . . The authors did not suffer from the fear that 'federal aid to instruction leads to federal control.' "

For almost a century the doors to college have been opened wider and wider, until higher education has become the privilege of the many. Approximately one third of college-age people in America have been getting some higher education.

As land-grant educators prepare for their 100th anniversary, however, they are showing active concern that the trend toward ever-greater educational opportunity may be reversing. As Rep. Henry A. Dixon (Utah), former president of a land-grant college, put it:

"Unless we expand our support for the colleges consistent with the nation's population growth, our democratic system of higher education for the many—instead of only a chosen few—just will not last."

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For income

Farmers looking for a new source of income might glance at stocker cattle. J. S. Buchanan, animal husbandry specialist at State College, reports that the field is wide open, and North Carolina farmers are in a good spot to supply the demand. "The best demand we have in North Carolina for any kind of cattle," Buchanan says, "is for stocker steers to go on grass pasture in April. Many farms could grow feeder calves through the winter for sale as stockers or feed lot replacement in early spring."

Strawberries

Strawberries from three-tenths of an acre of land gave Scotty Hughes, Yancey County farmer, almost as much income as his tobacco. Hughes sold $300 worth of berries in 1959 and believes he can boost his yield this year by better cultivating, mulching and other crop management jobs.

Stop Spoilage

Trench silos don't receive criticism for spoilage from M. C. Howell of Wadesboro, Route 2. According to John Potter, Anson County agricultural agent, Howell covers the top of his silo with plastic and then adds about four inches of sawdust. The result? No spoilage, even up to the top inch.

Cotton Supports

Price supports for farmers planting within their regular Choice A allotment in 1960 will be 28.97 cents per pound for 7/8-inch middling at average locations. Farmers who follow the Choice B program will receive 23.18 cents per pound for 7/8-inch middling at average locations. E. W. Avent, of the State A.S.C. office, cautions cotton farmers that March 16 is the deadline for making choice between the A and B allotments for their farms.

Blackboard Reminder

According to Hugh L. Liner, Stanly County assistant agricultural agent, a local dairyman uses a blackboard to avoid saving milk from a cow treated recently with antibiotics. The small blackboard is located in the milking room and the dairyman records the date a cow is treated, the quarter treated, and the time of treatment.

House in a House

Verlin Jones of Murphy, Route 4, keeps his chicks warm by building a plastic house inside his broiler house. Plastic sheeting is placed completely around his brooders. Jones figures the "house" helps to improve his feeding efficiency and saves fuel for his brooders. After cold weather is past, Jones uses his plastic on the outside of the broiler house as a curtain.

Corn for Silage

Ed Teston of Newland, Route 3, planted some Dixie 82 for silage last year by mistake. It produced a lot of foliage but very little grain. When he switched from feeding the Dixie 82 to his other silage, U. S. 282 and DeKalb 640, his milk weights jumped 100 pounds per day. Teston is satisfied that the extra grain in the silage did the trick.

Controlling Weeds Pays

According to J. R. Franck, Jones County agricultural agent, 2, 4-D weed killer did a fine job for Garland Pike of Trenton, Route 2. "My corn picker," said Pike, "got stopped-up more times on one acre not getting 2, 4-D than it did on the 46 acres on which I used 2, 4-D."

Birds and Grapevines

Frank Richlie of Kitty Hawk rescaffolded his scuppernong vine last year but never got around to pruning it. The vine did a lot of growing but produced few grapes. J. L. Rea, Dare County agricultural agent, quotes Richlie as saying pruning reduces the cover for birds, which eat a lot of his grapes. He plans to prune his vine from here on out.

The Joke's on Me!

By Mrs. Jennie Rhyder
Lexington, N. C.
(Davidson EMC)

(Each month the Carolina Farmer pays $5 to the reader who supplies the best true funny story about himself. Send entries to "Joke," Carolina Farmer, Box 1699, Raleigh, N. C.)

Back in the summer, I had a habit of disconnecting my electric appliances during thunderstorms, including the television and a small radio that sits on the TV.

When the storm was over, I plugged the appliances in, and settled back to watch television. The music started playing, but I could get no picture.

I called the TV repairman, and he came out. It didn't take him long to discover that it wasn't plugged in, and the sound was coming from the radio.

That's the first time it ever cost me $5 to get my television plugged in.

Well-Said

By Dean D. W. Colvard
N. C. State College

"National plenty has become an overwhelming paradox to agriculture. While it has lightened the lives of most Americans, it has fathered tragic inequity. The very farmers who created much of the good life in America today are sharing too little in its prosperity."

By Rep. James C. Oliver
Member of Congress from Maine

"If we financed World War II with a 2 per cent interest rate, I see no reason why we can't roll back present rates."

By Rose Budd Stevens
in Mississippi Rural Electric News

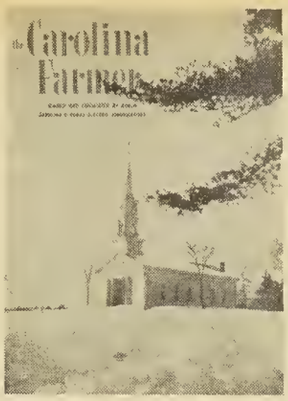
"Someone has written that farm women lose money on having a flock of hens less than 500. That person is invited to visit me, and *brother* he should have been around when Mama was sending a daughter to college via the butter and egg route! A hundred hens and 10 cows sent two girls to college. I got a husband, and my sister a degree in home economics."

N. C. EIGHTH IN ELECTRIC RATES

The Tennessee Valley Public Power Association News reports that Tennessee has replaced the State of Washington in having the lowest average residential rate for electricity. Listed below are states in the order of rank with regard to electricity rate.

Average Residential Rates in Cents per kwh.

Rank	State	1954	1958
1	Tenn.	1.25	1.05
2	Wash.	1.20	1.08
3	Oregon	1.36	1.25
4	Ala.	1.89	1.62
5	Idaho	1.74	1.65
6	Nevada	1.60	1.67
7	Georgia	2.25	2.06
8	**N. Carol.**	**2.37**	**2.16**
9	S. Carol.	2.42	2.21
10	Utah	2.24	2.23
11	Mont.	2.44	2.34
12	Wisc.	2.53	2.39
13	Kent.	2.59	2.45
14	Miss.	2.73	2.47
15	Wyo.	3.05	2.49
16	Mich.	2.64	2.50
17	Ind.	2.69	2.51
18	Va.	2.70	2.52
National Average		**2.69**	**2.53**
19	Ohio	2.72	2.59
20	Ariz.	2.77	2.63
21	Texas	3.04	2.67
22	Calif.	2.66	2.67
23	Nebraska	2.80	2.68
24	W. Va.	3.05	2.73
25	Penna.	2.97	2.73
26	Florida	3.00	2.80
27	Colo.	2.78	2.81
28	La.	3.28	2.85
29	N. Mex.	3.08	2.85
30	Md. & D.C.	2.90	2.85
31	Mo.	2.99	2.93
32	Conn.	2.95	2.93
33	N. J.	3.14	2.96
34	Minn.	3.06	2.96
35	Kansas	3.28	3.01
36	Ill.	3.03	3.02
37	Iowa	3.23	3.04
38	Del.	3.39	3.06
39	Maine	3.20	3.10
40	N. Dak.	3.46	3.16
41	N. Y.	3.27	3.18
42	Okla.	3.56	3.24
43	Ark.	3.41	3.31
44	S. Dak.	3.75	3.34
45	Vt.	3.59	3.38
46	N. Hamp.	3.55	3.46
47	R. Is.	3.81	3.53
48	Mass.	3.72	3.53



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rural North Carolina families

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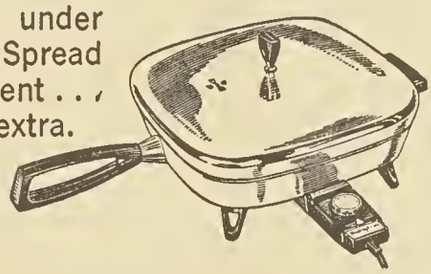

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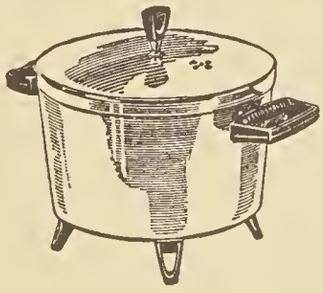
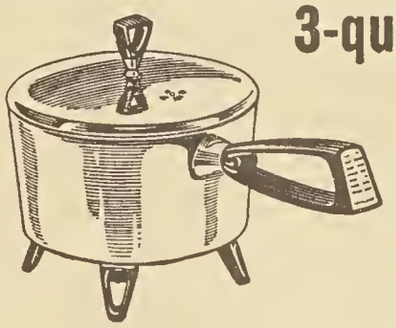


Washes completely under water . . . 5 quart size . . . complete with cover. Fry basket extra.

COOKS CREAMY SAUCES, DELICIOUS DESSERTS!

Westinghouse *Immerse-A-Matic*

3-quart Saucepan



Completely washable under water... exclusive "Spread Even" heating element . . . cool handle. Complete with cover.

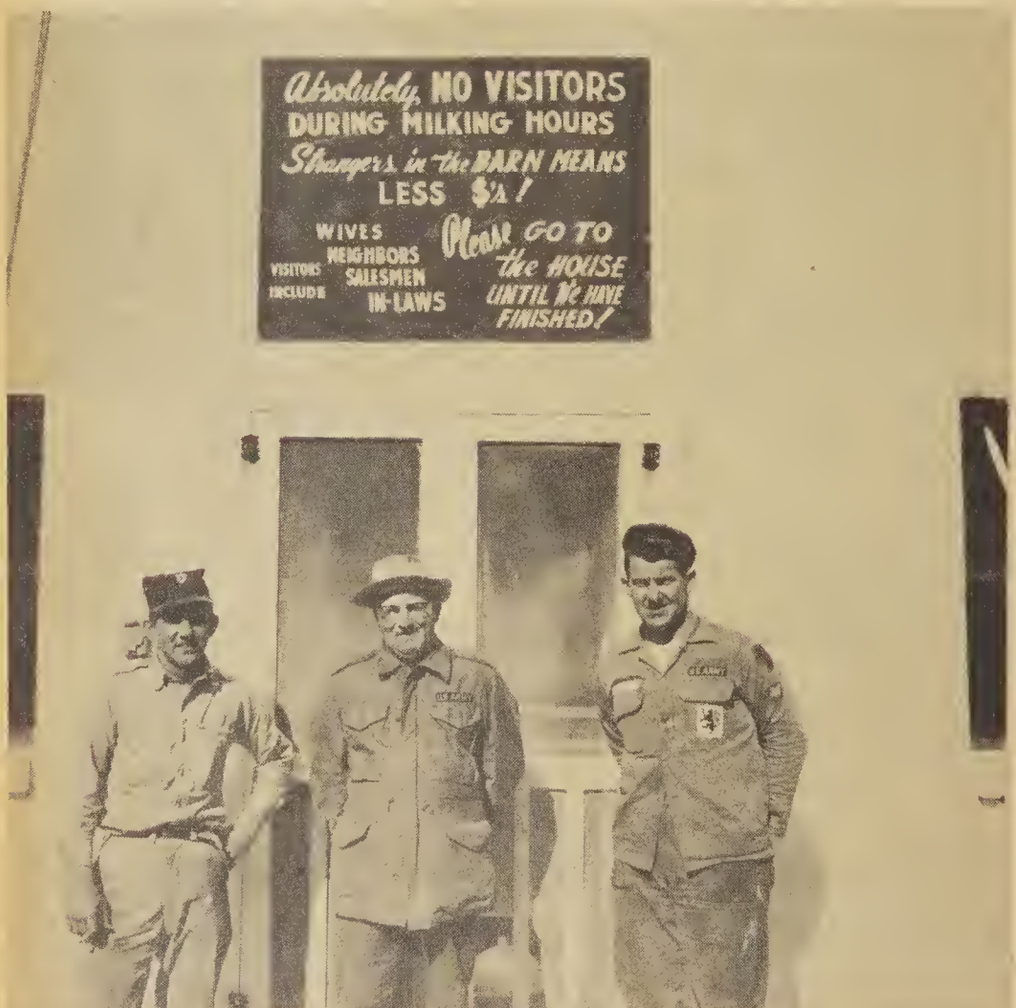
YOU CAN BE SURE... IF IT'S Westinghouse

REWIRING to MAKE MONEY

Labor, feed, and power bill dropped when the Reids rewired, added electric equipment

By C. L. OVERMAN

IF I HAD been told 15 years ago that it would be possible for three men to milk and feed 85 cows," said Bradley S. Reid of Waxhaw, Route 3, "I wouldn't have believed my ears." Today, Reid's two sons, Bradley, Jr., and Donald, milk and feed 85 cows with the help of one hired hand and 10½ h.p. of equipment powered by electricity from Union Electric Membership Corporation, of which all three Reids are members. "We couldn't do it without the electric equipment," Reid added.



The Reids must have high production to recapture their heavy investment, so they're careful to keep the cows contented. Left to right are Bradley Reid, Jr., Bradley S. Reid, Sr., and Donald Reid, of Waxhaw, Route 3. They are members of Union Electric Membership Corporation.

The expansion to 85 cows started nearly two years ago when Reid was milking 45 cows. "It took five men to handle the herd then," Reid said. He and his sons wanted to expand the herd and increase milk production but found themselves confronted with a two-fold problem. They could expand only by adding equipment that would reduce their milking time and man-power requirements, and they could not add the equipment without making some changes in their wiring system.

The equipment they had in mind included a pipeline milking system, bulk coolers, automatic silage equipment, and a better feeding system. Their old wiring system was incapable of supporting the electrical load this equipment would mean.

Prior to the time the new equipment was under consideration, Bradley, Jr., had worked with an uncle in Charlotte who is a wiring contractor. He and the uncle designed a wiring system that would furnish the needed power, plus some extra. He then saw to it that the wiring plans were carried out in full.

☐ The first decision was to meter the dairy separately from the home and thus eliminate a 300-foot service wire then running from the house to the dairy. The dairy meter was located at the milking parlor, close to the center of the electrical load. Underground services were then run from the milking parlor to the

water pump and to a distribution pole near two upright silos. From this pole, service was carried to the switching system for the automatic silo unloader and silage feeder and to a second distribution pole more centrally located between the other buildings.

The main service feeder and switchbox are located close to the heaviest electrical loads (the milking system, two 500-gallon coolers, water heater, and silage equipment); thus, the heavy wires feeding these pieces of equipment are short and there is no power loss in them.

The main switchbox has a full-load capacity of 150 amps and, in Bradley, Jrs.'s words, "it will handle all of the equipment we now have plus giving us extra connections for equipment we may add in the future." A master switch is located on the distribution pole near the silos and controls the power to all buildings except the milking parlor. The parlor power is controlled by the main switchbox. In case of fire, power to all buildings can be shut off without affecting the operation of the water pump which is on a separate circuit.

They Spent to Save

Here's what enabled the Reids to save $700 a month in labor and feeding costs:

☐ Rewiring.

☐ Pipeline milker, two 500-gallon bulk milk coolers, electric water heater, automatic silo unloader and feeder, feed grinding and mixing machinery, portable hay and grain dryer, and modern farm shop.

They handle twice as many cows as in 1958, and do it with two less men.

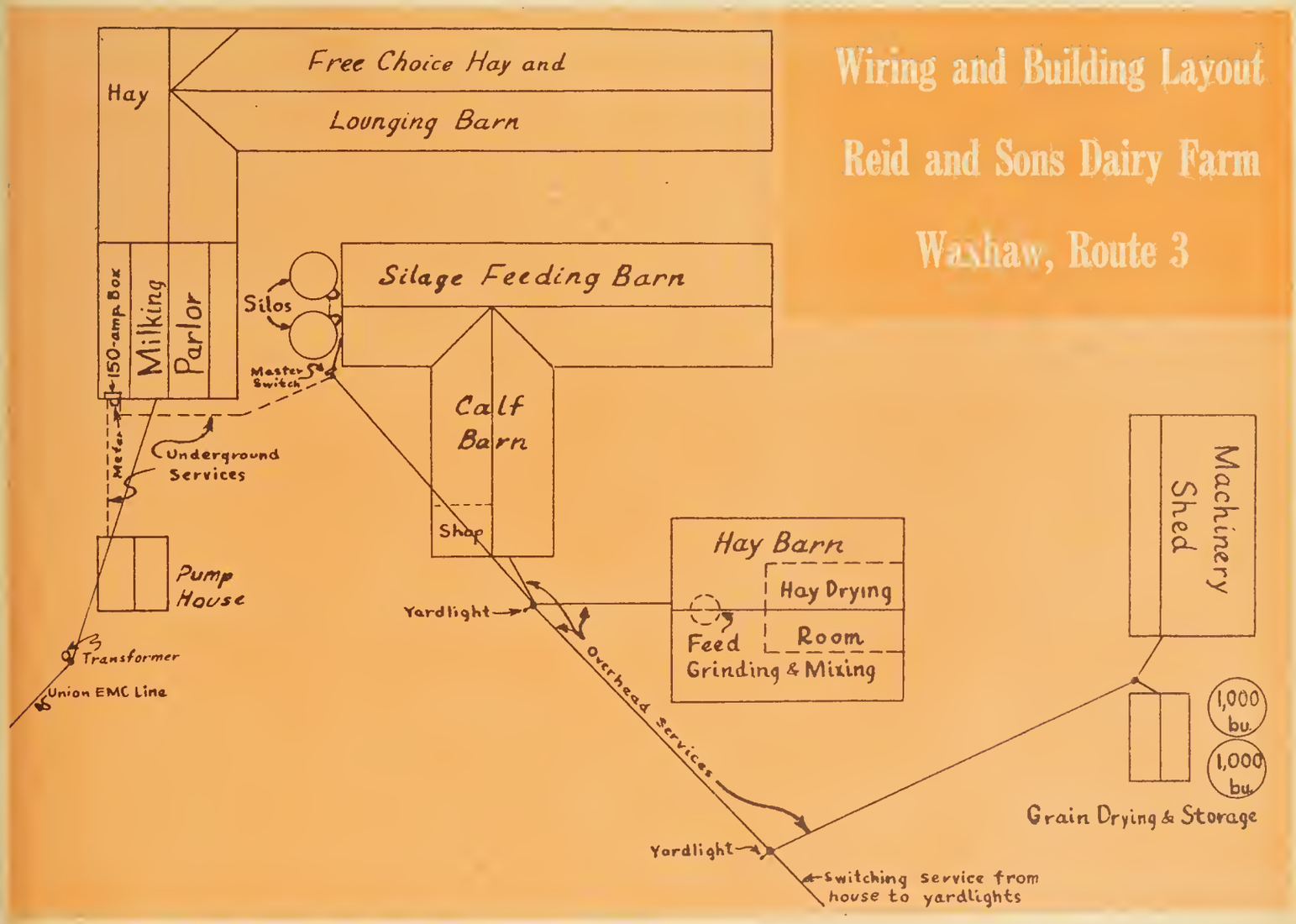
The changes in the wiring system have made possible use of equipment that enables the Reids to conduct their dairy operation with little hand labor. "We can now handle nearly twice as many cows with three men," Reid said, "as we once handled with five men. By eliminating two men, we save at least $120 in labor per week. I can remember when operating this dairy was just plain hard labor. Now, I just stand around and watch the boys do it."

In addition to the new equipment, the Reids also operate a 5-h.p. hay and grain drier, feed grinding and mixing equipment, and yardlights from the new wiring system. They installed an overhead feed bin in the milking parlor that is connected to the feeders in the milking stanchions by chutes. Each chute has a ratchet-lever feed control that allows the operator to measure out feed to the cows in 1-pound chunks. "We feed the cows according to the amount of milk they give," Reid said. "Our heavier producers get, say, two pounds of feed at milking time whereas the lighter ones get one pound."

☐ By measuring the feed according to each cow's needs, the Reids have reduced their feed bill by $50 per week.

When the Reids began using their new equipment two years ago, they immediately noticed a decrease in the power bill for the dairy operation. "The bill dropped by about $15 a month," Reid reported. "We figure the drop is due to the more efficient equipment and the improved wiring system." Before 1958,

(*Continued on page 24*)



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WEST END
Graham Bros.

WHITEVILLE
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WILKESBORO
Parker Electric & Plbg. Co.

WILLIAMSTON
Williamston Hardware

WILSON
Steve's Electric Shop

WINDSOR
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WINSTON-SALEM
Piedmont Pump Service

WATCH YOUR COSTS CLIMB HIGHER, HIGHER

If Congress Lifts The L

By KERMIT OVERBY

IF THIS session of Congress doesn't do something affecting your light bill, it won't be for lack of proposals.

That's pretty apparent as you look over the agenda of issues to be debated before the session ends sometime after the Fourth of July.

Three big drives are under way and each one of them, if successful, is bound to have a bearing on how much you pay for your electricity.

☐ One of the legislative proposals calls for an expansion of the high-interest tight-money policy to include REA loans.

☐ Another is a proposal to slap a new tax on cooperatives. If either of these ideas is adopted, you can count on an ultimate hike in your electric rate.

☐ The third is a resource and conservation movement. A number of separate bills seek to step up natural resource development. Anything done in this line is likely to help hold rates down.

The high-interest issue is big, much bigger than just upping the REA interest rate. It hits people in all walks of life. This makes it a hot issue as far as Congress is concerned. And, since the opening days of this session in January, there has been more and more talk about tight money.

Congress comes into the monetary picture in several ways. First of all, there is the question of the over-all policy which has driven interest rates in business and government to levels unequalled in at least a generation.

Congressmen are well aware of the fact that a man who buys a house today, for example, has to skip that extra room and bath in order to have the money required to pay the hiked-up interest.

Typical of What You Hear in the debate is this statement by **Rep. Wright Patman (Tex.),** who has been a thorn in the side of the money-managers for years: "There has been no justification whatever for the high-interest and tight-money policies," he says.

Patman goes on to point out that "personal income" from interest has gone up until now it totals 2½ times all "farm income."

"This redistribution of the income," he says, "has helped less than one per cent of the people—the financial elite—and has come out of the economic hides of all the rest of the people."

Members of Congress have introduced a number of bills designed to reverse the present monetary policies. Rural electric consumers, obviously, have a direct concern in the fate of these bills. But it's hard to imagine any of them actually being signed by the President.

Rep. Mills, Arkansas

Rep. Patman, Texas

On another front are proposals to probe deeply into the Administration's handling of its monetary policies. As a starter, the Joint Economic Committee came out early in this session with a report, based on a year's study, that took the tight-money policies apart. It wound up with specific recommendations for bringing interest rates down to where they were before the tight-money era.

Where The High-Interest issue will be joined, however, is on the proposal to take the 4¼ per cent ceiling off long-term government bonds. And this is where the crucial decision will be made, as far as this Congress is concerned.

Also, as far as the rural electrification program and the REA interest rate are concerned. Once the dike is broken, there won't be anything left to stop the flood!

If this ceiling is removed, as the President has requested, it means Congress goes along with the Administration on the question of higher and higher interest rates.

And this one thing is sure: It will make the task of those who seek to bring REA under the tight-money banner that much easier.

The recommendations contained in the President's budget message give rural electric members a more direct interest in the 4¼ per cent limit. That's the proposal to Congress that would raise the REA interest rate to correspond to the

On Federal Bonds

rate paid by the government on long-term bonds.

Co-op taxation bills seem to be a regular part of every session of Congress. For years, sponsorship of these proposals was confined to groups who were outspoken critics of cooperatives in any and every form.

With this Congress, a new factor has been added. The Treasury Department itself has joined the sponsors of legisla-

Sen. Moss, Utah

tion aimed at the co-ops. Perhaps it was this new support that enabled tax-the-co-op proponents to get what they had not succeeded in getting for many years—active consideration of the legislation in the Ways and Means Committee of the House.

What sort of a bill will come out of the Committee, if any, is difficult to forecast. The primary co-op objection to the various proposals, as brought out in the recent hearings, is that farmers would be denied the right to loan or invest their patronage refund income in their cooperatives on terms they desire without subjecting the cooperatives to a penalty.

Rep. Wilbur D. Mills (Ark.), chairman of the tax-writing committee, has said the Treasury bill excludes rural electric cooperatives. While this may be so, it seems highly unlikely that Congress would be so selective in its application of any new law—at least for very long.

But tax legislation takes time to write and this Congress is in a hurry to get at more fascinating work, such as running for office.

In the field of natural resource development, there is some prospect of action favorable to electric consumers. For the first time in several years, the Administration has taken leadership in recommending new resource development projects. This is new and important.

The President in his annual budget message asked Congress for funds to start 31 new public works projects by the Corps of Engineers and 6 by the Bureau of Reclamation. Three of these would include hydroelectric facilities—Yellowtail Dam in Montana, Green Peter Dam in Oregon, and Curecanti in Colorado.

It is almost certain that Congress will consider these proposals a timid move toward more extensive use of the nation's water resources. One factor bearing on this is growing congressional awareness of the amazing progress in hydro development in the Soviet Union.

Last fall, two Senate committees sent a delegation to Russia for an inspection tour of water resource projects. **Senator Frank E. Moss** (Utah) headed the group, which included two other Senators, two electrical engineers, a rural electrification consultant and other professional members.

On his return, Senator Moss reported to his Senate colleagues that the U.S.S.R. has undertaken literally hundreds of new starts on hydro-electric developments within the past five years.

"The Soviet power program," said the delegation report, "has produced the largest hydro-electric stations in the world, yielding the greatest project volumes of electricity from the largest generators connected by the longest transmission lines operating at highest voltage."

Spurred on by such competition, Congress is casting about for ways to stimulate more aggressive resource development in this country.

Senator James E. Murray (Mont.) is pushing a bill he introduced designed to establish a permanent mechanism for the study and development of our resources. The bill aims to protect and utilize "all natural resources, including soil, water, timber, grazing land, fisheries, wildlife, and recreational, scenic, and scientific values."

The Montana Senator has another resolution in the mill that would authorize a study of the power industry, with a view toward the development of "giant" power grids.

Rep. James W. Trimble (Ark.) is working on a bill he has co-sponsored with Senator Robert S. Kerr (Okla.). With the objective of moving resource development ahead, the bill would re-establish Congress as the policy-maker in project development.

At present Uncle Sam's various agencies are on their own, subject only to such nurse-maiding as the Budget Bureau can supply.

Just what bills get to the President's desk, however, is anybody's guess. This is an election-conscious Congress, and it will quit work just as soon as it can, to give members the opportunity to begin the fall campaign.

But despite the rush, there still are many months of work to be done. Congress has not yet reached the Easter recess which usually makes a shift into high gear. And Easter is a key date in congressional operations. Easter means a trip to the home district and a visit with the home folks. That can have a tremendous bearing on what's done after Easter.

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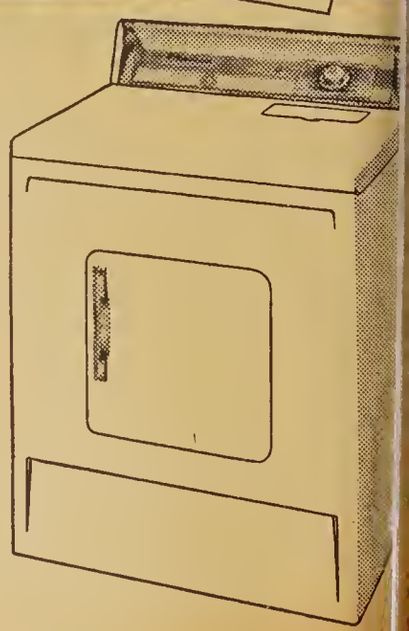

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FARM BUREAU REA POLICIES

Mrs. L. B. Pate of New Bern, Route 2, and L. T. Weeks, general manager of the Flue-Cured Stabilization Cooperative, Raleigh, received the N. C. Farm Bureau "Distinguished Service to Agriculture" award at the Bureau's annual meeting in Asheville last month. Left to right are Mr. and Mrs. Pate and Mr. and Mrs. Weeks.

☐ Both the state and national Farm Bureau Federation have adopted policy statements endorsing the present rural electrification program.

Resolutions of the organizations closely paralleled each other. The statements of greatest significance to cooperatives were those that opposed efforts to raise interest rates and send the rural electric cooperatives to the open money market for loan funds.

Both organizations endorsed generation and transmission loans and the principle of offering public bodies and cooperatives preference in buying power from federal projects.

There was a bit of hedging on the interest rate statement.

The state resolution opposed increases on "outstanding loans," and the national said that consideration should be given to interest costs of government borrowing in setting future rates, but rates should always permit rural electric cooperatives to continue adequate, reliable service.

Elsewhere in the resolutions, however, the state Bureau made it plain that it wanted no interest rate hike at this time.

"If the interest rate is increased at this time, retail power rates will un-

(*Continued on page 30*)

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The Common Cold – Our Most Common Ailment

☐ Asian flu has been making all the headlines, but the common cold is still America's most extensive and expensive ailment. Colds cost the country $5 billion a year in lost wages, lost production and medical expenses. The average American has three colds a year, loses $30 because of them, and misses from three to seven day's work.

Money loss isn't the only bad effect of colds, for the aliment can be a lot more serious than many people realize. Try ignoring a cold, for example, or letting one "go away by itself," and you may be letting yourself in for real trouble. Colds can weaken your resistance to diseases like laryngitis, sinusitis, bronchitis and pneumonia—ailments which often follow colds. Because of the lowered resistance factor, January through March is the most dangerous common cold period. It's during these months that colds are severest, cause the most lost time.

What is a cold? For more than 2,000 years man has been seeking an answer to this question, and the scientists still aren't sure. But it seems likely that colds are a disease caused by tiny germs called "viruses." The viruses are spread by cold "carriers" (people who have colds) when they cough, sneeze or just talk. They can also be spread by carriers' hands and handkerchiefs.

There are lots of aids on the market to help fight colds, but your best helping hand is at the end of your arm. Here's what you can do to prevent colds:

1. *Stay away from carriers.* One good sneeze can shoot 20,000 infection-laden droplets up to 12 feet at a speed of 150 feet-per-second. Some droplets will still be in the air after half an hour!

2. *Keep in top physical condition.* Eat a well-balanced diet, get plenty of sleep, and avoid unnecessary fatigue. Regular medical check-ups are a good idea, too—they help to clear up little problems before they become big ones.

3. *Be careful of contaminated objects.* Dishes, tableware, towels, chairs—any of these can be covered with invisible cold viruses. So can your hands. A good hand scrubbing before each meal is especially important during the cold season.

4. *Avoid getting chilled or wet.* Wearing the proper clothes (raincoat, overshoes, etc.) will help, but if you do get drenched, change to dry clothes as soon as possible.

There exists today no known *cure* for colds. But there is much you can do to treat your cold if you catch one. The important thing is to act quickly—before your cold gets a solid foothold.

Begin by getting plenty of rest, and the best rest is bed rest. Eat simple, nourishing foods, and drink plenty of liquids. Hot tea with lemon is excellent, as are fruit juices, but alcholic beverages don't help a bit.

As for medication, the antihistamine drugs still hold great promise. Unfortunate side effects are still the problem, but a host of major commercial laboratories are busily seeking a solution.

Rest, nourshing foods, hot tea, pain relievers in squeeze tubes—they all help fight colds.

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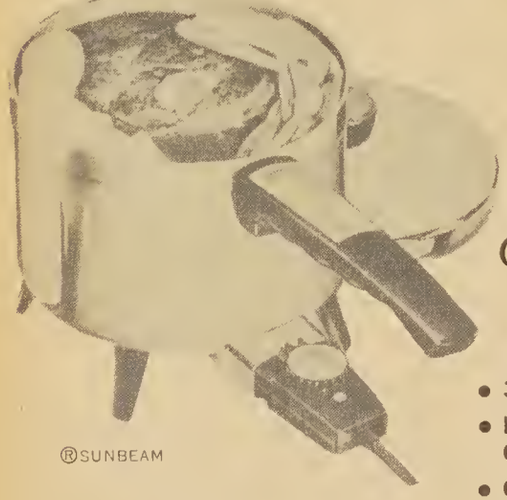

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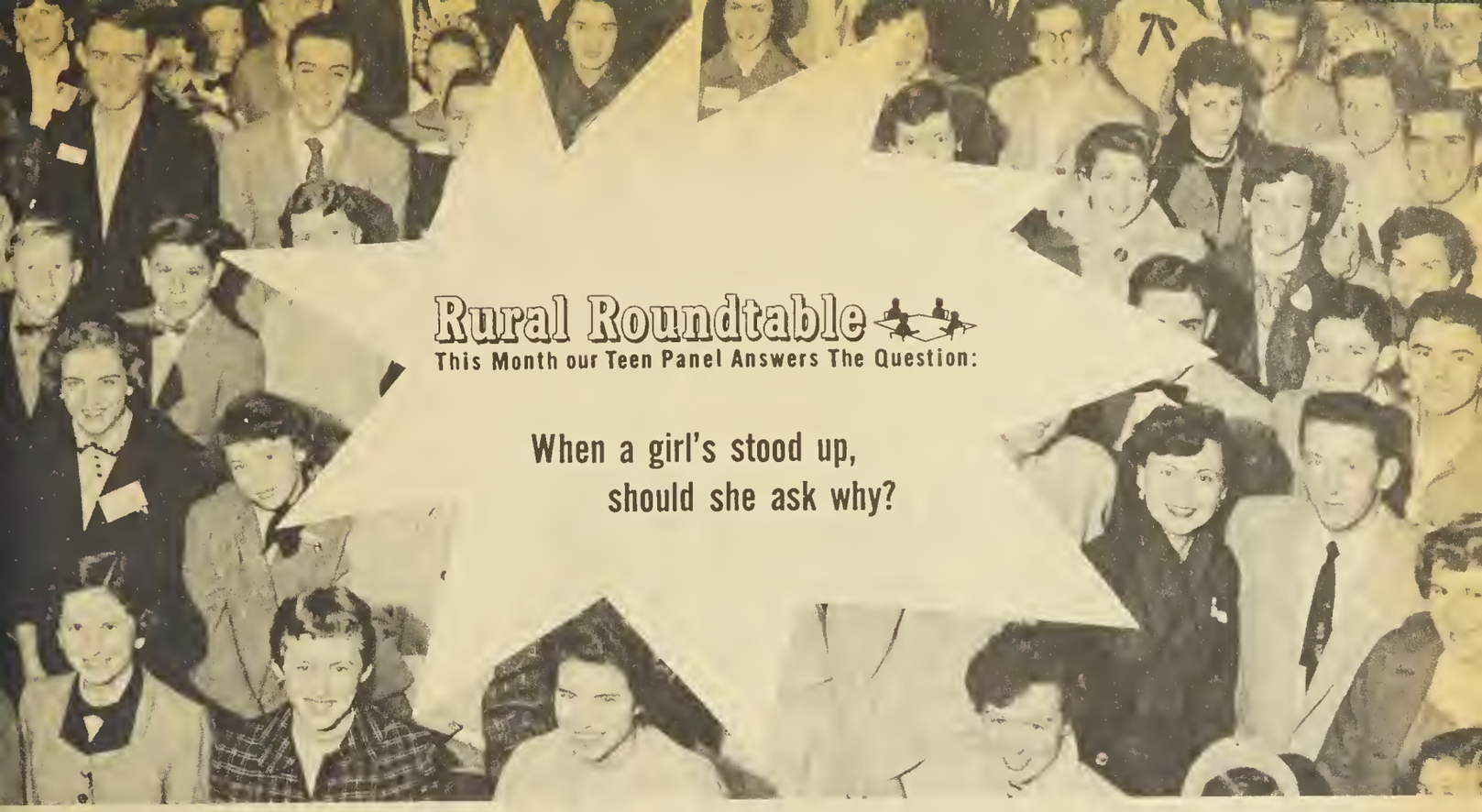


Rural Roundtable

This Month our Teen Panel Answers The Question:

When a girl's stood up, should she ask why?

CRAIG BURNETT
Walnut, French Broad Electric

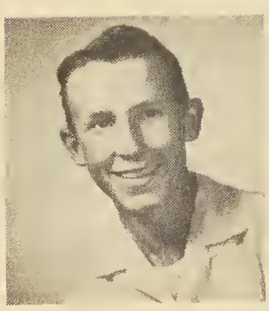
A girl would have the right to ask a boy why he didn't keep a date with her, but whether she should or not depends upon the girl. A boy shouldn't make a date in the first place if he didn't intend to keep it. If the reason behind the broken date isn't obvious, he should be gentleman enough to explain why he didn't keep the date. *Should* the girl ask, I think, depends entirely on the situation. The answer depends a lot on the girl's feelings. If it is the first date, she should be happy to ignore the situation and feel relieved she doesn't have to "keep company" with a boy who failed to meet his obligations.

SANDRA COVINGTON
Pilot Mountain, Surry-Yadkin EMC

If a boy doesn't keep a date with a girl, there is usually a very good reason why he didn't, and he will usually explain. I do not think a girl should run and ask a boy why he didn't show up for a date if he doesn't voluntarily give her an explanation. On the other hand, if he asks the girl for a second date and doesn't show up again, I think the girl has a perfect right to ask why in a kind way. If he doesn't have a good explanation, steer clear. There are plenty of fish in the ocean.

RITA HARRIS
Oriental, Pamlico-Beaufort Electric

I don't think a girl should ask a boy why he didn't keep the date with her. If a boy wants the girl to know why he will tell her. Things happen sometime and the boy cannot keep his date with a girl. If the boy calls to break the date, he usually will have a pretty good excuse. If the girl asks him, it may cause him some embarrassment.



DWIGHT ROUSE
Seven Springs, Tri-County Electric

Yes, I think a girl should ask a boy why he failed to keep a date with her. If he went to the trouble to ask her for a date and didn't or couldn't keep it, he should have an explanation. The boy should have courtesy enough to tell her his reasons for breaking a date without her having to ask. If he had no reason, she shouldn't consider another date with him.

THIS MONTH'S QUESTION is asked by Ella Varie Bledsole, Route 1, Godwin. Ella Varie is the daughter of Mr. and Mrs. James T. Bledsole, who are members of the South River Electric Membership Corporation.

She is 15 years old and a 10th grader at the Eastern Carolina Indian High School, where she is a member of the Social Club and one of the program committee representatives for her grade. She writes that her question is one she often hears discussed by her friends, and that all of them are anxious to hear the opinions of the panel.

Rewiring to Make Money

(*Continued from page 15*)

Reid used can-type milkers and a walk-in cooler.

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The Reids received an extra bonus with this equipment in the form of higher quality milk for the processing plant. "Before we installed the new equipment," Reid said, "our bacteria count averaged close to 120,000. Since then our count averaged between 10,000 and 20,000 and it has gone as high as 50,000 only one time." The working conditions in the milking parlor are also much improved. Warm water is now used to clean the cows before milking, an electric heater drafts warm air through the milking parlor, and 250-watt heat lamps hang beside each of the stanchions to keep the operators' hands warm during cold weather.

"I started in Grade-A milk 23 years ago," Reid reminisces. "What we have today is a far cry from the pull-and-tug milking we did then."

The "brains" of the Reid wiring system is a 150-amp. switchbox located in the milking parlor. Shown here with the box are Bradley, Jr., (left), and Donald Reid.

Yes, E. Hofer

Last month, in a headline, we asked the question whether an anti-REA editorial which appeared in two North Carolina papers was "Grass-roots or E. Hofer".

Thanks to a newspaper friend who gets Mr. Hofer's canned, power-company subsidized editorials, we learned that it was a product of Hofer's propaganda machine.

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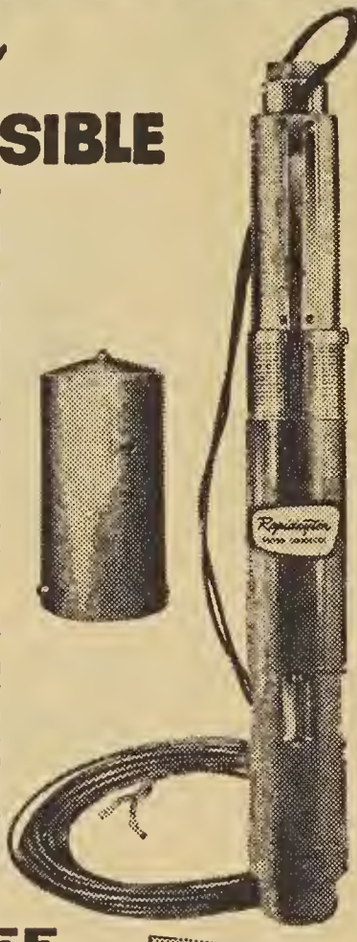

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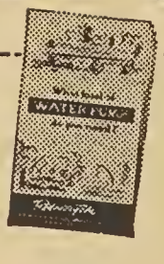

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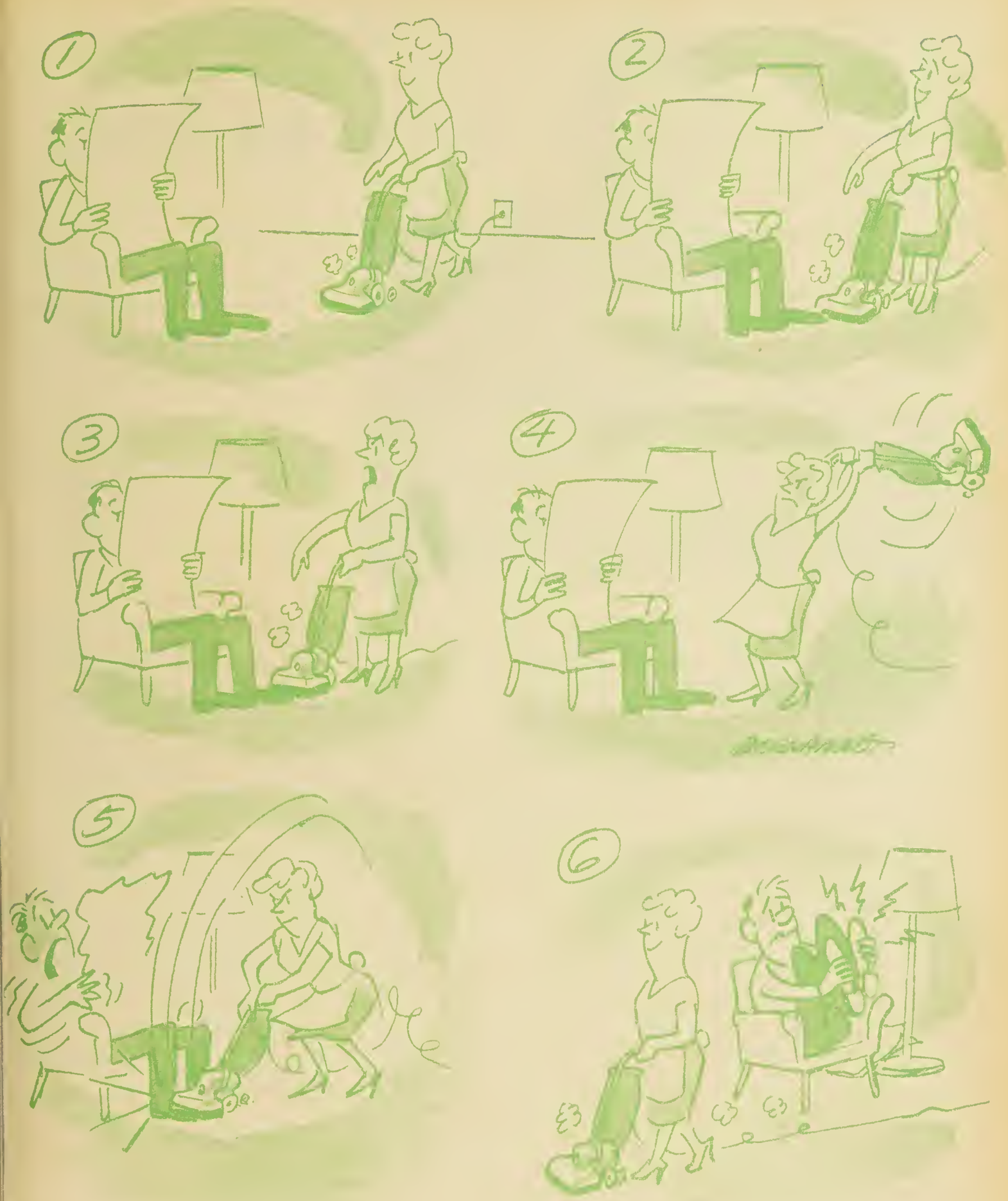
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Crocheting

For Fun and Church

A gentle lady combines a cherished hobby with an equally cherished interest in church and community

Mrs. G. W. Bacon, Lilesville, settles back in her easy chair to create a doily.

A Gentle ART

WHAT'S a common, garden variety of Irish potato got to do with the fine art of crochet? Plenty. If it hadn't been for the Irish potato famine over a hundred years ago, it could be that the fascinating type of needlecraft just might have been neglected.

It was like this: Irish nuns for years had spent their few leisure moments with a "croche" or hook, the fine, fine thread, duplicating the delicate lace of France and Italy. They'd become quite adept in the art. Nobody knows for certain just who first developed the little wooden or ivory hook used in the needlework, and there are mentions of "crocher" (French for "to hook") as far back as the sixth century!

At any rate, the Irish nuns, particularly the good sisters of the Ursuline Convent in Blackrock, County Cork, were very good at crochet, and when the Irish famine was at its height and food growing scarcer and scarcer, it was the nuns who thought of a way to bring much needed money into poor homes.

They taught the delicate art of making lacy copies of "Point de Venice" and "guipure" (a large pattern lace) to their women parishioners. Soon, crocheted articles made by these women were being sold in Ireland and abroad. The proceeds from this work literally kept thousands from starvation.

"Nun's work" it was called. And "Nun's work" spread and spread and shortly after 1845 was included in the study courses of almost every convent in the land.

Today, the art of crochet is enjoying a rebirth, and while it probably isn't adding to too many incomes, it is offering a delightful and rewarding pastime, as well as a new way of relaxation, to thousands upon thousands of women.

Today's accent is on the new age of grace. The womanly arts are more important than they've been for almost one hundred years. This more feminine age calls for women to soft-pedal the pride they formerly took in being able to do the work of men. They can, of course, but it just isn't wise to talk about it! Nowadays, thanks to dozens of *electric* aids in the home, women have more leisure moments—and because they've taught their hands to shun idleness, these precious leisure moments are spent in the hand arts—crocheting, knitting, sewing.

Chances are, you've never heard of Mrs. William Savage of London, but she was quite a person in her day—around 1840. She was a very famous needlewoman and the first to publish a booklet of crochet patterns. She prefaced this tiny paperbound manual with the modest ex-

Hands

. . . that intimate quality of things made entirely by the human hand

— Willa Cather

Back in 1953, we began a free needlework pattern service for our women readers—and as the months have rolled into years and the years have totalled 7 since we first offered this service, we've found that as the months and years rolled around, so grew our list of pattern service friends.

Month after month, we began to notice familiar names as we filled pattern orders, and, though we've never personally met most of these nimble-fingered ladies, our monthly contact with them has become a warm one. When we stuff their envelopes with the pattern of the month, we feel, when we seal it, as though we're sending a letter to an old friend..

One of our most faithful readers and avid crocheters is Mrs. G. W. Bacon of Lilesville. I've come to recognize her round clear handwriting, and when her monthly order arrives, it's always with lifted spirits that I open her envelope to see what nice word of encouragement she has included. When a month goes by without a glimpse of that handwriting, I find myself wondering whether she didn't like the month's pattern—or if she's sick—much in the way I think about old friends who fail to write or call over a period of time.

And, each time she has written during the past seven years, I think, "Someday when I'm in Anson County, I'm going calling and meet my 'pen pal' face to face." Last month, I *was* in Anson County, and when I came to a road marked "Lilesville—Right," I decided to have that visit I had promised myself for so long.

Mrs. Bacon proved to be the type person her letters had indicated: attractive, busy, charming, and hospitable.

When I arrived, she was settled back in an armchair, surrounded by her needlework and, to my great pleasure, several copies of the *Carolina Farmer*. (It seems that not only does she enjoy our needlework patterns, she also enjoys trying the recipes from our "Carolina Kitchens" column.)

The pounds and pounds of crochet stitches that fall from Mrs. Bacon's fingers yearly are far more important, it seems, than we had guessed. It's true that crocheting and other forms of needlework are her favorite forms of relaxation, but this hobby is used to the good of her community and church. "I sell a great many crochet items at our church 'ingathering' every fall," she told me.

The word "ingathering" stopped me, but, according to Mrs. Bacon, had I been an Eastern North Carolinian, I would have been as conversant with it as we in the mountains are with the term "bazaar."

At Mrs. Bacon's Methodist Church, the annual fall "ingathering" is the biggest money-making occasion on the church calendar. It's usually held in October, and from one "ingathering" until the next, the men and women of the church are busy planning. On the day of the "ingathering," two meals are served—a turkey dinner with all the trimmings at noon and a barbecue dinner at night.

"And this is one time the men bring their handicraft to sell," Mrs. Bacon told me. "Some of our most successful items are the beautiful wood crafts that are made in the workshops of the men of our church."

Mrs. Bacon's contribution is, of course,

(*Continued on page 30*)

planation that the patterns were her "humble efforts to elucidate the mysteries of the beautiful art." She referred to her patterns as "fashionable and elegant."

It's fun to look back to Mrs. Savage's book. While today's woman may be relaxing over an afghan or crocheting smart, colorful chair seats or place mats, let's see what her great-great grandmother was crocheting.

She was creating a Polka jacket or a lovely pelerine. She was making a fan border or a cosey for her teapot, her coffeepot or her nest of boiled breakfast eggs. She might have been working on some traveling comforts—carriage bags, traveling bolsters or a traveling cap. Or perhaps a very snug crocheted bustle, "d'oyles" for her chairs, a tippet, a pen-wiper or a pincushion—maybe even braces for papa or a smoking cap for him to wear on chilly evenings.

A rash of booklets followed, for crochet was the most fashionable of all hand arts— Mrs. Elizabeth Jackson's "Polka Book," the "Balmoral Book of Polkas and Crocheted Novelties," Mlle. Riego's booklet on fancy edgings, others on Parisian netted lace caps.

In sharp contrast, today's crocheting books tell us how to make smart, comfortable dresses and sweaters and coats; purses and hats; place mats and unusual deep-pile textured effects for upholstery and draperies and cushions.

The old-fashioned names are fascinating. Polkas were fancy jackets with fitted waists and flaring peplums. Pelerines were short capes with long ends hanging down in front. Fan borders were done of finest threads. Carriage bags were carryalls (but far more intricate in design) and lady's carriage and traveling caps were really much like today's cold weather snoods and scarfs. Traveling bolsters and cushions were for comfort, of course.

And mama got out the crochet hook to fashion braces—yes, suspenders!—for papa. She whipped up comfortable and fashionable smoking caps and jackets. For herself, she crocheted warm, snug pantaloons—even bustles. She crocheted hoods of palest wools and fancy cloaks to keep her chillblains comfortable when she went out socially. No central heating then.

Her tippets, pretty little capelts, were crocheted as were her muffates—dainty little wristlets.

And when every chair was guarded from the gentlemen's heavily pomaded hair with antimacassars, when every available tabletop had its "d'oyley" (named for a London draper), when she, her husband and children had all the crocheted pretties they could possibly use, she turned her nimble fingers to crocheting for the "poor." Mrs. Savage, in one of her booklets, suggested that "very nice petticoats for poor children can be crocheted out of any scraps of wool and look very bright and pretty."

What a contrast to today's crocheting. Instead of a polka or a pelerine, today's handy lady creates an alluring evening sweater or a smart sports outfit. Instead

(*Continued on page 30*)

Hands

the best friends ever known = two good honest hands.

= = Nixon Waterman

Send THIRTY-FIVE CENTS in coins (no stamps, please) for EACH pattern to:
CAROLINA FARMER
Post Office Box 42
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New York 11, N. Y.
Add 10¢ for EACH pattern if you wish first-class mailing.

Send 25¢ for our full-color Catalogue of Printed Dress Patterns. More than 100 smart Spring and Summer fashions for all sizes.

For Spring Through Summer

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4968 Step-in casual with tab detail at collar, pockets. Printed Pattern in Half Sizes 14½-24½. Size 16½ takes 3¾ yards 35-inch fabric.

9480 Simple dress with wide, dramatic collar, four-gore skirt. Printed Pattern in Misses' Sizes 12-20. Size 16 takes 4¾ yards 35-inch fabric.

4949 Sew-easiest style of the season—just a simple bodice above a four-gore skirt. Printed Pattern in Half Sizes 14½-24½. Size 16½ takes 4 yards 39-inch fabric.

4898 Wear this stunning suitdress when you want to look your best! Printed Pattern in Half Sizes 14½-24½. Size 16½, dress and jacket bands, take 3¼ yards 35-inch fabric; jacket, 1⅜ yards.

9287 Pretty sundress with a cape to button on for city-going. Printed Pattern in Misses' Sizes 12-20. Size 16 dress takes 4 yards 35-inch fabric; cape 1 yard.

NEEDLE NOVELTIES

7035. Bunny and scattered posies trim this perky sundress. There are ruffled panties to match. Child's dress Sizes 2, 4, 6 included. Pattern, transfer, cutting charts, directions. **7027.** Gay motifs right out of the Gay Nineties. Use them on mats, towels, cloths. Transfer of 18 motifs 3½ x 3¾ to 4½ x 4½. Easy stitchery. Send TWENTY-FIVE CENTS (in coins) for each pattern to: The Carolina Farmer, 243, Needlecraft Service, P. O. Box 162, Old Chelsea Station, New York 11, N. Y. Add 5¢ each for 1st-class mailing. Send additional 25¢ for Needlecraft Catalogue.

Carolina Kitchens

Recipes From Co-op Homemakers

MRS. JAMES D. RIMMER, Statesville, Route 3, shares with you this month a recipe which has been handed down to her from the turn of the century, and which is a favorite of her family.

Vivian Rimmer is a graduate nurse of the Sibley Hospital in Washington, D. C. and, as she puts it, "a farmer's wife." She writes us that she "lives on the farm my husband's father bought when he came to Iredell County from Person County, 86 years ago." The Rimmers have 112 acres of that original land, on which they keep Jersey cows.

The Rimmers have one son, Danny, who is 14 years old and a 9th grader. According to his Mother, Danny plans to be a doctor or a scientist. His Mother writes: "Danny loves people, books, and television. He is active in 4-H Club work, a member of the FFA. All of us are active members of the Bethlehem Methodist Church. I sing in the choir, am assistant teacher of the ladies' class, and am active in the Woman's Society. I am also a past president of the Three Way Home Demonstration Club." The Rimmers are members of the Cornelius Electric Membership Corporation.

If you'd like to share a special recipe through this column, send it to: *Carolina Farmer,* Homemaking Section, Box 1699, Raleigh. If you have a good snapshot, send it along, too. And include something about yourself and family when you send your recipe: the size of your family, what they like to eat, the clubs you belong to, etc.

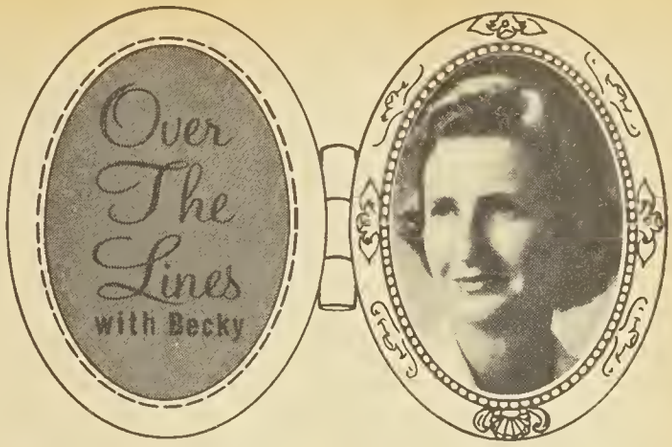
CAROLINA FARMER RECIPE
Submitted by Mrs. James D. Rimmer
Route 3, Statesville, N. C.

LEMON PIE OF 1900

¾ cups sugar	*2 egg yolks*
¾ cup boiling water	*3 tablespoons lemon juice*
3 tablespoons corn starch	*1 teaspoon butter*

Grated rind of one lemon

Mix the cornstarch and sugar, add boiling water, stirring constantly. Cook two minutes, add butter, the egg yolks, the rind and lemon juice. Remove from heat. Line a baking plate with rich pastry, leaving a fluted rim of 1/2 inch around the rim. Pour in the mixture and bake until crust is done and is brown. Cover with meringue and return to oven to bake and brown meringue.



Needle Notions

A LETTER FROM MRS. KENNETH SILVERS (Rt. 3, Box 38, Burnsville), a French Broad EMC member, contains a needlecraft question which would have been indeed confusing to Mrs. William Savage back in the 1800's (see story on page 26). Mrs. Silvers writes: "I am the proud new owner of a Sunbeam mixer (my husband gave it to me for Christmas). Since I have seen all kinds of patterns in your wonderful little paper, I wonder if you or one of your readers has a pattern for a mixer cover. I want to leave the mixer on top of my table so that I can get to it easily when I need it; therefore, I want to protect it from dust."

Now, Mrs. Savage could have furnished Mrs. Silvers with a pattern for a coffeepot cosy (chances are, however, that Mrs. Silvers owns an automatic coffeepot and wouldn't have the slightest need for a cosy), but our gracious lady of yesteryear would probably have assumed that Mrs. Silvers wanted a cover for a pottery mixing bowl!

I have written Mrs. Silvers that such covers for all her portable electric appliances are available at a minimum cost at most variety stores. But it occurs to me that some of you clever ladies may have more fanciful appliance cover patterns or ideas that you could exchange with Mrs. Silvers. I know she would be delighted to hear from you.

* * * * * * * * * * *

MRS. FRANCES ESTEP (Rt. 1, Box 193, Elk Park) has asked us to tell you that she has handmade rugs (2'x4') which she will sell for $5 or will exchange for clothing or shoes for her children. She has nine children, 5 boys and 4 girls. I assume that her rugs are hand-hooked, although she didn't specify this. If you are interested in exchanging clothing for her rugs (or want to buy one directly), write to Mrs. Estep for more details.

SWEET SPRINGTIME

Bring spring right into your home. As flowers bloom outdoors, crochet them indoors—on an elegant filet border. A smart first step toward dining room redecorating. To receive free instructions, just send a STAMPED, SELF-ADDRESSED ENVELOPE with your request to: Carolina Homemaker, Box 1699, Raleigh, N. C.

— HANDS —

(*Continued from page 27*)

of a fan border, she whips up half a dozen useful place-mats. Instead of an egg cosey, she crochets long-wearing, incredibly lovely chair seat covers to match her place mats. "Couvre pieds" to cover her pretty feet? No. More than likely she's copying a modern painting with her crochet needle and making a gorgeous afghan for the studio couch. Or making a fancy cover for a small electric appliance.

—— Mrs. Bacon's Hobby ——

(*Continued from page 27*)

her lovely needlework—which has helped earn the more than $3000 garnered from the last few "ingatherings." The money will be used to enlarge the church sanctuary. The lovely brick church is a vital part of Mrs. Bacon's life, and for many years she has taught the kindergarten classes on Sunday mornings.

Crocheting is not the only one of Mrs. Bacon's needle talents. She's equally adept with a sewing machine, and the quilt she's "piecing" now is on a beauty par with our lovely heirloom quilts. Another project of her husy hands at the present time is rug braiding.

Mrs. Bacon, a widow, has three children (a daughter in Jacksonville, Florida, a son in Massachusetts, and a son in Anson County), 10 grandchildren, and two great-grandchildren.

— FARM BUREAU —

(*Continued from page 21*)

questionably go up on co-op lines which will cause retail rates to go up in general," the N. C. Farm Bureau observed.

The state resolutions were adopted at a November meeting in Raleigh, in order to present them to the national meeting in December. They became a part of the body of resolutions adopted at the state convention in Asheville last month.

The state Farm Bureau urged "Congress, the National and State Rural Electrification Authorities and the N. C. Utilities Commission to fully assume their responsibility of extending additional telephone service into rural areas and of providing adequate and equitable connecting contracts with cooperatives."

The resolution dealt with a problem that has impeded the telephone program: the reluctance of commercial companies to enter into reasonable connecting contracts with the phone cooperatives.

The policy statement recommended "that the telephone companies and cooperatives refrain from extending services to a limited number of rural families in such a manner as to destroy the economic feasibility of extending telephone service to others.

NOW... YOUR ENTIRE MEAL COOKS *automatically!*

WEST BEND *waterless cooker*

with automatic heat control . . . immersible

West Bend's Automatic Waterless Cooker makes cooking so easy it's almost like dining out. Just place meat, vegetables, a sauce and pudding in the cooker. Set the dial and forget it—until time to serve. No watching or adjusting. Cover is self-basting for flavorful, nutritious cooking.

FOR automatic FRYING, ROASTING AND BAKING

WEST BEND

11" square . . . immersible

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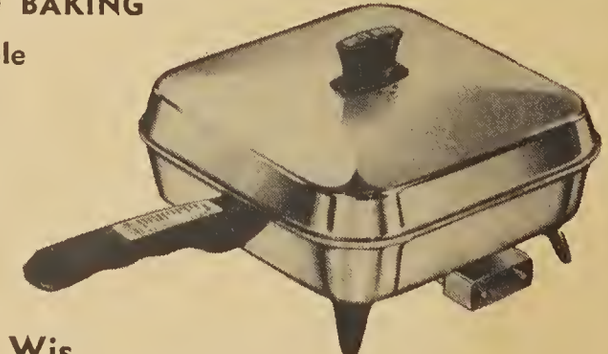
Same control serves both appliances.



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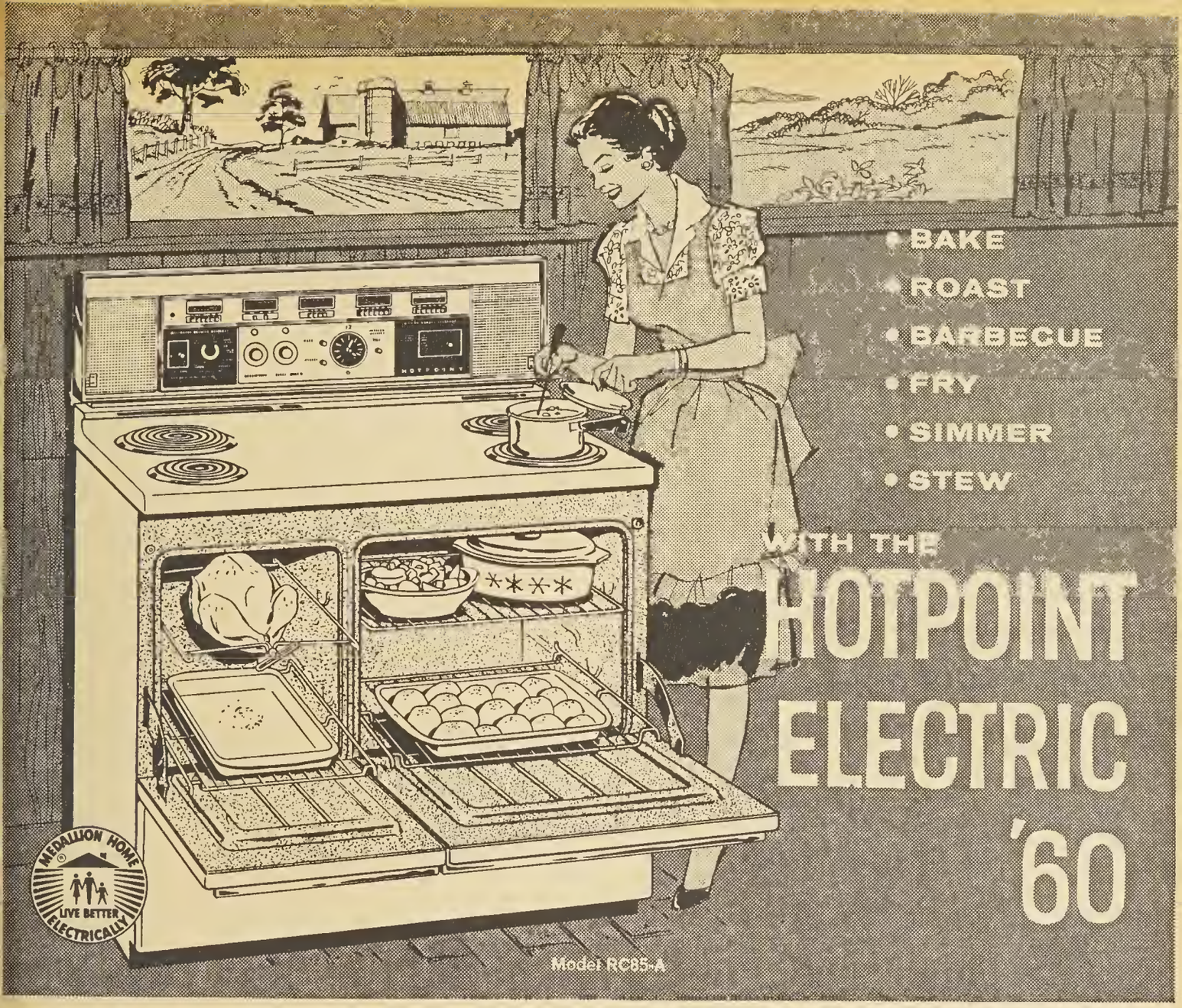

All your meals look better, taste better, are better!

Now, Hotpoint Electric '60 brings you a new world of cooking marvels. Just touch a button, and Hotpoint's simplified surface units give you 5 measured heats for recipe-right results every time.

And Hotpoint's new Cook Book Controls make recipe-right cooking easier than ever. One glance at the short, simple instructions on the control panel tells you how to make the most of all your Hotpoint conveniences: your Super-Matic unit that makes every pan automatic . . . your hi-speed Super "2600" unit for faster cooking . . . the Rota-Grill rotisserie for year 'round barbecues, the Roast-Right thermometer for taste-tailored roasts every time.

Your Hotpoint dealer has a Hotpoint Electric '60 in the size, color, model and price that's right for you. See him now and enjoy a new high in recipe-right meals and carefree cooking.

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THE NEW
SMOKELESS
BUILT-IN OVENS

Bake or roast automatically. Broil or barbecue without smoke or odor . . . it's automatically whisked outdoors through the exhaust vent.

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Rural Exchange

RATES: 15c PER WORD CASH WITH ORDER. NO STAMPS. MINIMUM AD—$3.00

● ANNUAL MEETINGS

MARSHALL. French Broad Electric Membership Corporation, April 23, 1 p.m., Marshall High School Gymnasium. SPEAKER and FREE PRIZES.

WAKE FOREST. Wake Electric Membership Corporation, April 9, 9 a.m., Wake Forest Elementary School Auditorium. FREE PRIZES.

● BUSINESS OPPORTUNITIES

MINK raising information free. Complete. Lake Superior Mink Farm, Superior, E E, Wis.

RAISE Angora, New Zealand Rabbits on $500 month plan. Sure-fire method. Plenty markets. Free detaiis. White's Rabbitry, Mt. Vernon, Ohio.

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HIGH SCHOOL AT HOME in spare time with 63-year-old school. No classes. Standard high school texts supplied. Singie subjects if desired. Credit for subjects already completed. Progress at own speed. Diploma awarded. Information booklet free—write today! American Schooi, Dept. X358, Drexel at 58th, Chicago 37, Ill.

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KILL WILD ONIONS and dock this fail and winter with R-H WEED RHAP. Low Cost. Will not injure grasses, grains; not poisonous. For free information write Reasor-Hiil Corporation, Box 36E, Jacksonville, Ark.

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"He's mad because he forgot what he came in here to be mad about."

● MISCELLANEOUS

SUBSCRIBE TO GOVERNMENT SURPLUS WEEKLY, lists all sales. Buy Jeeps, Trucks, Boats, Tents, Tires, Etc., Direct from Government. Next 10 issues $2. GOVERNMENT SURPLUS, Paxton, Ill.

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POEMS WANTED for musical setting and recording. Send poems. Free examination. Crown Music Company, 49-FB West 32nd St., New York 1, N. Y.

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$500 FOR YOUR CHILD'S PHOTO

This child's mother received big check. Up to $500 paid for children's photos when used for advertising. Hundreds selected monthly. Ages 2 mos. to 20 yrs. Rush 1 small photo for approval. Print child's and mother's name, address on bask. Returned 2 weeks. No obligation. Testimonials sent.

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$200 MONTHLY POSSIBLE, Sewing Babywear! Easy—big demand! No house seliing! Free Information. Send name to: Cuties, Warsaw 160, Ind.

$500 for your child's photo. Mail photo, name, for free report, offer. Returned. STUDIO, 5032CNS Lankershim, North Hollywood, Calif.

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FIRST QUALITY CHICKS! White Rocks, Barred Rocks, Hampshire Reds, Rhode Island Reds, Wyandottes $9.95-100. Puiiets $18.95. Heavy Breed Cockerels $5.95-100. "PEDIGREED" White Leghorn Pullets only $25.95-100, Straight Run $10.95. Redrock Sexlink Puliets $20.95. Pekin Ducklings 12-$4.50. Bronze or White Holiand Turkey Poults 15-$12. Live Delivery Guaranteed, f.o.b., prompt shipment. C.O.D. RUBY BABY CHICKS, Dept. NCRA-7, Norfoik, Va.

SOUTHERN ENGINEERING COMPANY
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AROUND THE HOUSE

Electrical tips to help the home handyman—and woman, too

By C. L. Overman
Agricultural Engineer

Dangerous Stairs

We suspect that the first stairway was designed and built by some ingenious man who became tired of climbing a ladder to get from one floor of his house to another. We wonder, however, if he gave consideration to the danger stairs would pose for the occupants of his home.

Clutter and improper lighting make stairs dangerous. A closet close by or a shoe rack on the wall may be the answer to eliminating cluster on steps, but the answer to improper lighting is the addition of lighting fixtures to adequately light the steps.

All stairways should be lighted at both ends. Fixtures containing 100-watt bulbs handle this job nicely. If the stairway is unusually long or if they turn at some point, an additional fixture may be necessary to make sure the steps are easily seen throughout their length.

All lighting fixtures on one stairway should be on one circuit and controlled by three-way switches located at both the head and foot of the steps. The three-way switches enable you to control the lights from either end of the stairway.

Check the stairway conditions in your home. Clear up any clutter on the steps and have lighting fixtures installed wherever you need them.

Load Center

One big mistake home-builders often make is trying to locate the main switchbox where it cannot be seen: Your switchbox should be located at the electrical "load center" of your home.

The load center of most homes is generally in or near the kitchen because the kitchen usually contains the heaviest electric loads (such as the range, dryer, water heater, and refrigeration). In the case of an electrically-heated home, the load center may be elsewhere.

When you wire a new home or rewire an old one, ask for the advice of your electric cooperative or electrician in locating your switchbox. Wherever it may be located, remember that you can paint over it and it will not be unsightly.

Sorry!

The Pullman passenger had finished washing his face and combing his hair. When he returned to his berth, he discovered he had left his toothbrush in the washroom. Hurrying back to get it, he found a fellow passenger using it.

"Pardon me," he said, "but that happens to be my toothbrush you're using."

"I'm sorry, sir," the man apologized. "I thought it belonged to the railroad."

* * *

Not Me

The guy was walking down the street dressed only in a barrel when a cop stopped him.

"Are you a poker player?" asked the law suspiciously.

"Not me," replied the character, "but I just left a couple of guys who are."

* * *

Traffic Jam

The wife got herself snarled up in a terrible traffic jam. "What shall I do?" she wailed to her husband.

He answered, "I don't know, but I bet if you climb into the back seat, you'll be able to figure something out."

* * *

Meeting

And there was the man who met his wife at a travel bureau. She was looking for a vacation and he was the last resort.

"Well, yes, I guess I'd rather be right than president—but hasn't anybody ever been both?"

HALE!

So True

An Irishman and an American Indian were arguing. The Irishman was bragging about all of the great Irishmen who had contributed to the development of America and demanded to know what the Indians had ever done for the country.

"Well," replied the Indian after some thought, "you never see any kids playing 'Cowboys and Irishmen'!"

Wise Cracks

. . . Those who complain about the way the ball bounces are often the ones who dropped it.

. . . An optimist is a man who thinks he can build a $12,000 house for $12,000

. . . Some people never put off a hard job until tomorrow. They put it off for good.

. . . You can't judge a book by its movie version, either.

* * *

Honest

"This house," stated the real estate man, "has both good and bad points. To show I'm honest, I'm going to tell you about both. The disadvantages are that there is a distillery one block south and a slaughterhouse one block north."

"And what are the advantages?" asked the prospective buyer.

"You can always tell which way the wind is blowing."

* * *

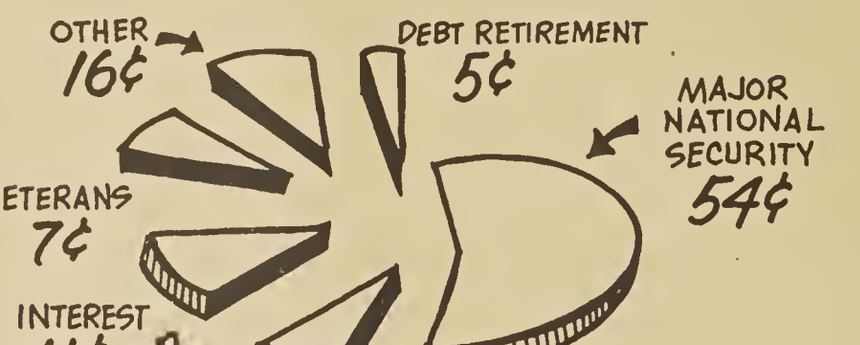
Too Bad

They made such a big case out of picking the first group of astronauts, the fellows they're going to shoot into space. "These boys," they announced, "have got to be clever, daring, and fearless."

The truth is that we've got thousands of boys who can answer to that description. The only trouble is that they're all four years old!

One thing about the old buggy—it's never failed to start on a cold morning."

". . . Now, farm friends, your favorite program—'Timely Farm Tips,' featuring that old dirt farmer himself, 'Barefoot' Bailey."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A LARGE SHARE OF THE AGRICULTURAL BUDGET BENEFITS CONSUMERS AS MUCH AS FARMERS... SCHOOL LUNCHES, FOOD-FOR-PEACE EXPORTS, ETC.

Public Poverty

One of the effects of today's high interest rates is the further impoverishment of an already anemic public economy—public embodying schools, roads, muncipal water systems, etc.

A community which borrows $2 million for a school building today must pay $400,000 more in interest than it did in 1952, based on a 40-year loan. The alternative is to lop off a few badly-needed classrooms.

Blinded by a Point of View

"The government has no investment in our Company," a utility official wrote recently. "The truth must be told over and over to ourselves and to our representatives in Congress and in our state legislatures. We never ask them for any subsidy or special privilege; we ask only that we be treated fairly."

Nobody can quarrel with a man for writing from a point of view. He looks at an elephant from one end and forms a different opinion from a man standing elsewhere. But different points of view don't change the elephant. Neither can company loyalty and enthusiasm abolish the truth that power companies enjoy some very special privileges.

Is it not a special privilege to be able to obtain rapid tax write-offs which amount to an interest-free loan from your government of $21½ million for a period of 33 1/3 years?

Is it not a special privilege to be allowed to condemn private property, put your business facilities on it, and enjoy a profitable return from so doing?

Is it not a special privilege to be guaranteed a profit by the State of North Carolina?

Is it not a special privilege to be guaranteed freedom from competition in your neighborhood?

Is it not a special privilege to be permitted to dam up a river in order to make a profit?

The utility magnate's point of view might fairly convince him that these are privileges his company should enjoy, but he can't change the basic truth that they aren't God-given rights offered to every citizen. They are subsidies and privileges awarded by the government to a private interest in return for the performance of an essential public service.

TARHEEL Views

BY WILLIAM T. CRISP

It required years of bitter struggle before the electric cooperatives in Virginia and central-eastern North Carolina were able to exercise their rights under Federal law to purchase power from the John H. Kerr Dam at Buggs Island, Va.

Both the Virginia Electric and Power Company and Carolina Power & Light Company threw up every roadblock they could to prevent the cooperatives from gaining this competitive supply of power.

But those years of struggle are now paying off—to the tune of millions of dollars in wholesale power cost savings. In North Carolina alone, 19 EMCs buy approximately 42 per cent of their wholesale energy through the Kerr Dam arrangements. They pay an average of about .7¢ per KWH charged by the power companies.

But 11 other EMCs remain at the mercy of power company monopolies on wholesale power. Two of these EMCs Harkers Island in the east and French Broad in the west, buy all their power from CP&L.

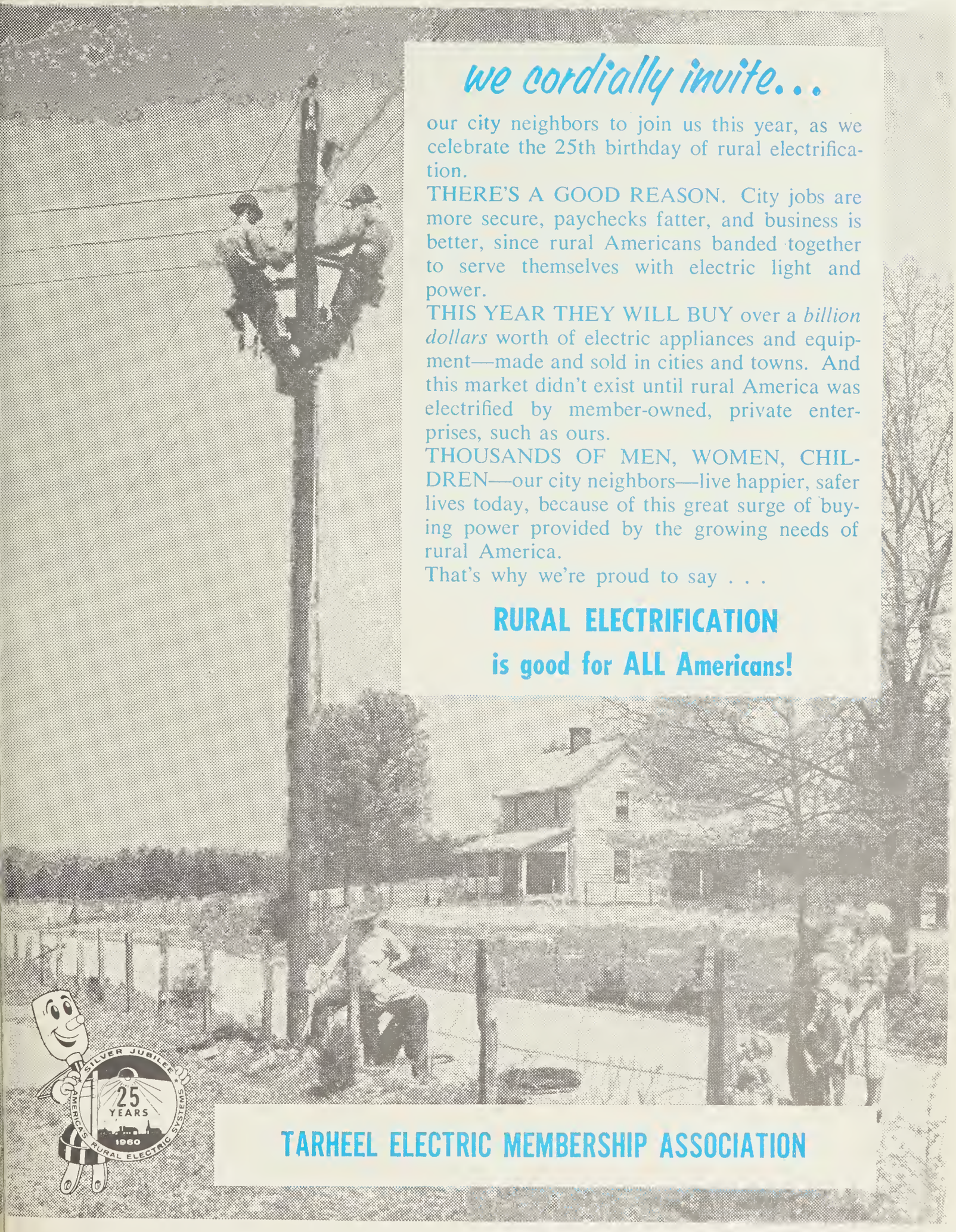
The other nine are Blue Ridge, Burke McDowell, Cornelius, Davidson, Davie Rutherford, Surry-Yadkin and Union (al of which are dependent upon Duke Power Company) and Haywood (which buy from CP&L, Duke and Nantahala Powe and Light Company all three).

There is hope, however, that another competitive supply of Federal power wi soon be available to the EMCs dependent upon Duke Power Company. Hartwell Dam, a building on the upper Savannah River just below the North Carolin line, will be generating power come 1962 63. This project, like Kerr Dam, will hav a capacity of some 180,000 kilowatts.

As preference agencies under the Floo Control Act of 1944, the EMCs in th Duke Power Company area will be en titled to buy a good portion of those ki watts. This power is expected to be price considerably lower than the .75¢ p KWH these EMCs now pay Duke.

Last month in Savannah, Ga., I pr sented testimony on behalf of the EMCs before the Army Corps of Engineers, which is building Hartwell Dam an which has proposed the building of tw additional dams on the Savannah Rive

As could be predicted, the power com panies showed up in force—to oppo any further river development.



we cordially invite...

our city neighbors to join us this year, as we celebrate the 25th birthday of rural electrification.

THERE'S A GOOD REASON. City jobs are more secure, paychecks fatter, and business is better, since rural Americans banded together to serve themselves with electric light and power.

THIS YEAR THEY WILL BUY over a *billion dollars* worth of electric appliances and equipment—made and sold in cities and towns. And this market didn't exist until rural America was electrified by member-owned, private enterprises, such as ours.

THOUSANDS OF MEN, WOMEN, CHILDREN—our city neighbors—live happier, safer lives today, because of this great surge of buying power provided by the growing needs of rural America.

That's why we're proud to say . . .

RURAL ELECTRIFICATION

is good for ALL Americans!

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25 YEARS
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AMERICA'S RURAL ELECTRIC SYSTEMS

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2 Extra Storage Drawers At No Extra Cost!

COMPARE!

Big G-E 40 inch Keyboard Range

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$168.60* WITH TRADE

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